

ABSTRACT

An improved apparatus for ground support comprising a tensionable reinforcing member including at least one nut threadably receivable by the tensionable reinforcing member. The nut body comprises a squared portion and a convex hemispherical portion. The nut includes a bore adapted for engagement with the first end threaded portion of the tensionable reinforcing member. The nut also at least one second bore transversing the squared portion of the nut square body portion. The second bore is adapted to accept a shearing element capable to fix the nut in a temporary first operating position on the reinforcing member. The shearing element is a rolled member made from carbon steel. The shearing element is adapted to shear at a consistent and predetermined torque_{shear}.